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10/698,993	10/31/2003	Jaime E. Garcia	DEL 02-16-3	8865

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EXAMINER

NGUYEN, PHONG H

ART UNIT PAPER NUMBER

3724

DATE MAILED: 05/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/698,993

Applicant(s)

GARCIA ET AL.

Examiner

Phong H Nguyen

Art Unit

3724

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 03 March 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-11 and 15-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11 and 15-26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 04/06/05
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_

### DETAILED ACTION

1. Upon reviewing Applicant's amendments, 35 USC 112 rejections are withdrawn.

#### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-4, 6-9, 15-17 and 19-26 rejected under 35 U.S.C. 102(e) as being anticipated by Yu (6,684,750 B2).

Regarding claims 1 and 23, Yu teaches a table saw assembly comprising:

a table assembly having a throat for a saw blade 101 and a table surface for receiving a work piece; and

a bevel assembly for beveling the saw blade between a first bevel of at least approximately 45 degrees in a first direction from a plane normal to the table surface and a second bevel of at least approximately 45 degrees in a second direction from a plane normal to the table surface,

wherein the bevel assembly is capable of positioning the saw blade for providing full depth of cut when the saw blade is beveled to either of the first bevel and the second bevel.

See Figs. 1, 4, 6A and 6B.

Regarding claims 2, 3, 24 and 25, an arbor assembly and a motor 39 are best seen in Fig. 5.

Regarding claim 4, the bevel assembly comprising:

- a mounting bracket for mounting the bevel assembly within the table saw;
- a trunnion engaged with the mounting bracket for rotating with respect to the mounting bracket; and

- a bevel member engaged with the trunnion, the bevel member for rotating with respect to the trunnion,

wherein the bevel member rotates within the trunnion for beveling the saw blade to between the first bevel and a third bevel at least substantially normal to the table surface, and wherein the trunnion rotates in the gudgeon and the bevel member rotates in the trunnion for beveling the saw blade between the third bevel and the second bevel.

Regarding claims 6 and 19, a bevel adjustment assembly is best seen in Fig. 4.

Regarding claims 7 and 20, removable pins for coupling the bevel member to the trunnion are best seen in Fig. 3.

Regarding claims 8 and 21, a wheel 36 for controlling the position of the bevel member and the trunnion as the saw blade 40 is beveled. See Fig. 4.

Regarding claims 9 and 22, a worm gear 362 and 325 is best seen in Fig. 4 and 6A, B.

Regarding claim 15, Yu teaches a bevel assembly comprising:

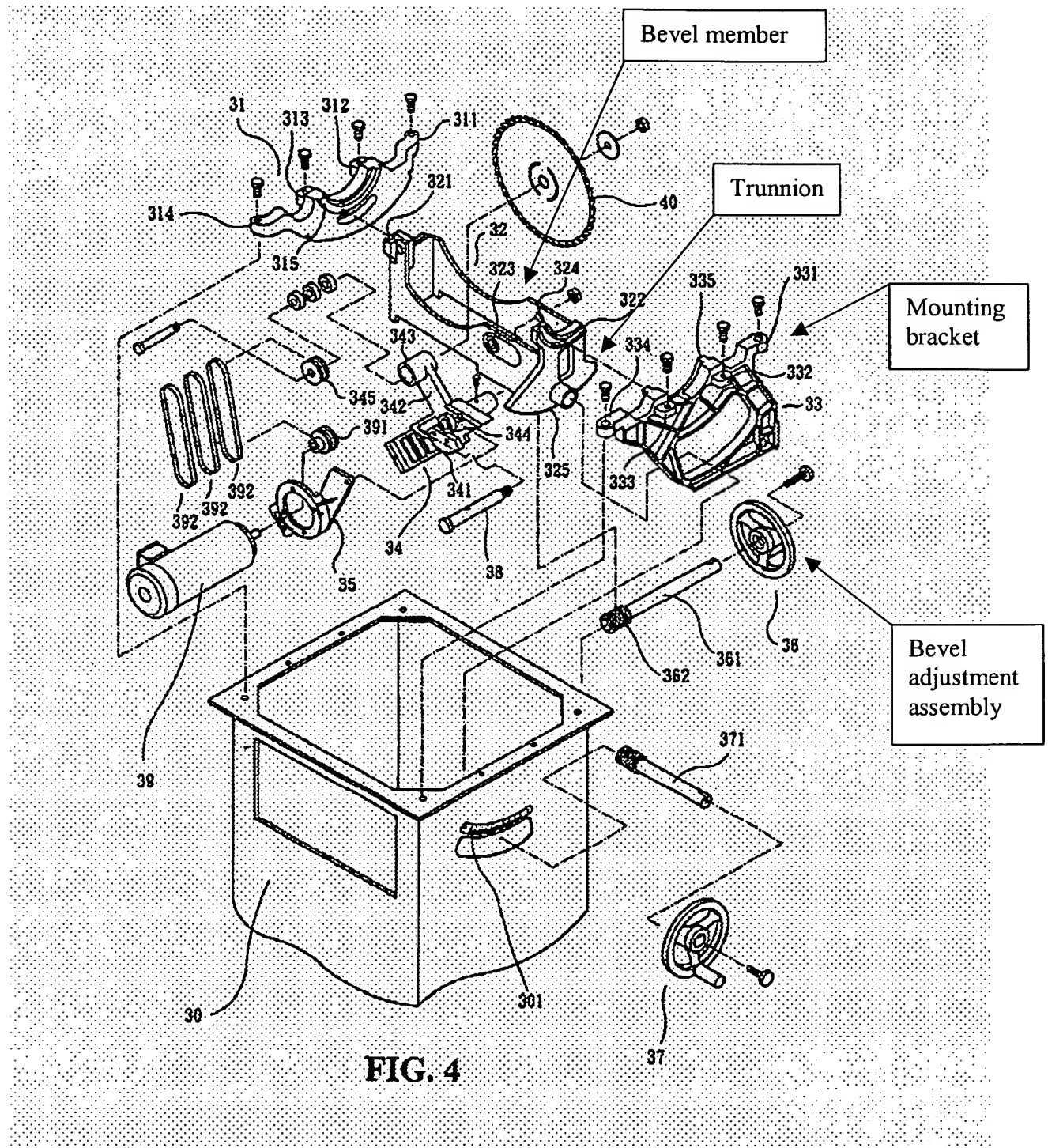
a mounting bracket for mounting the bevel assembly within the table saw;  
an arbor assembly for receiving the saw blade so that the saw blade  
extends through the throat, the arbor assembly for turning the saw blade;  
a trunnion engaged with the mounting for rotating with respect to a  
gudgeon;  
a bevel member engaged with the trunnion and the arbor assembly, the  
bevel member for rotating with respect to the trunnion,  
wherein the bevel assembly bevels the saw blade between a first bevel of  
at least approximately 45 degrees in a first direction from a plane normal to the  
table surface and a second bevel of at least approximately 45 degrees in a second  
direction from a plane normal to the table surface, the bevel assembly positioning  
the saw blade for providing full depth of cut when the saw blade is beveled to  
either of the first bevel and the second bevel.

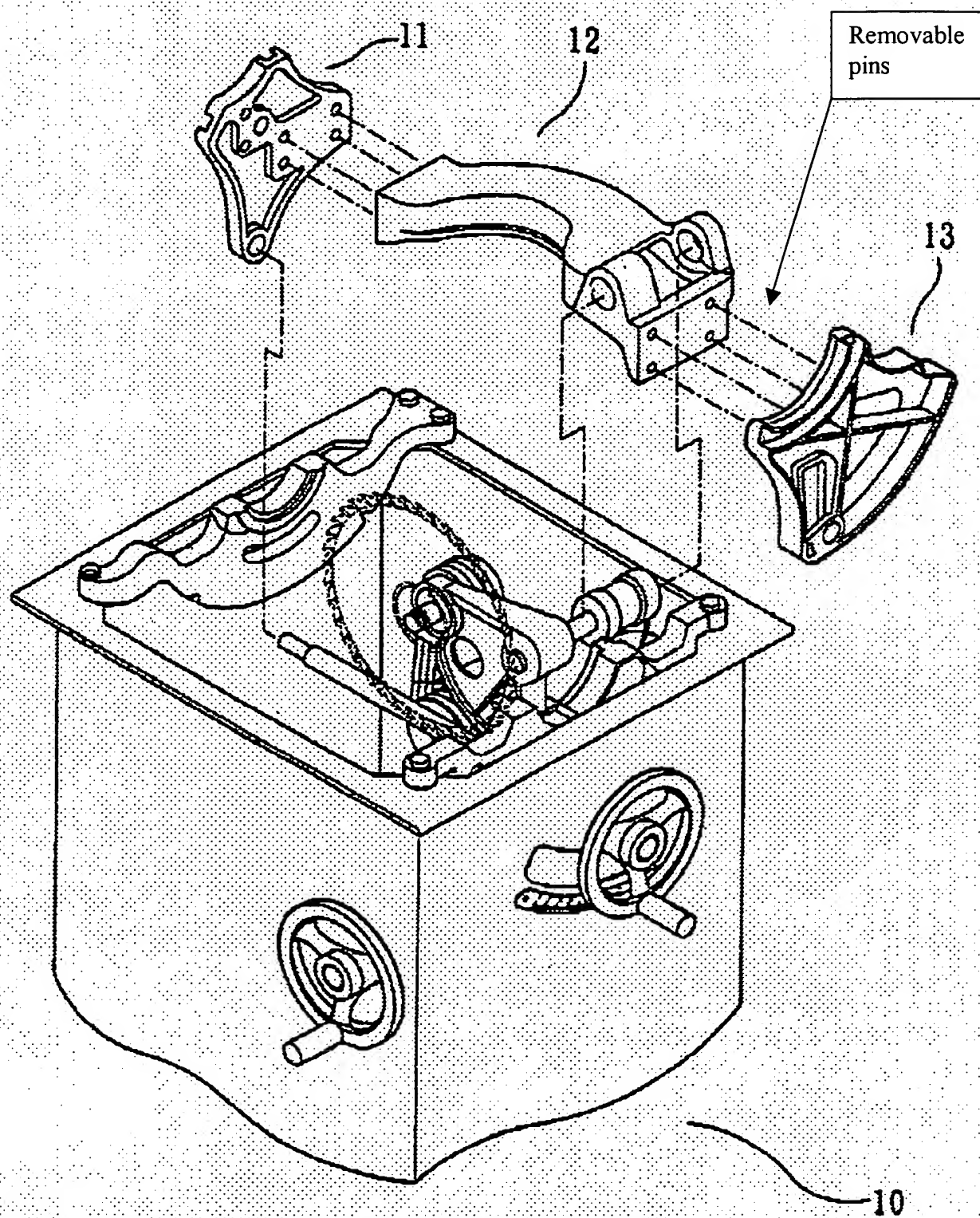
See Figs. 4-6.

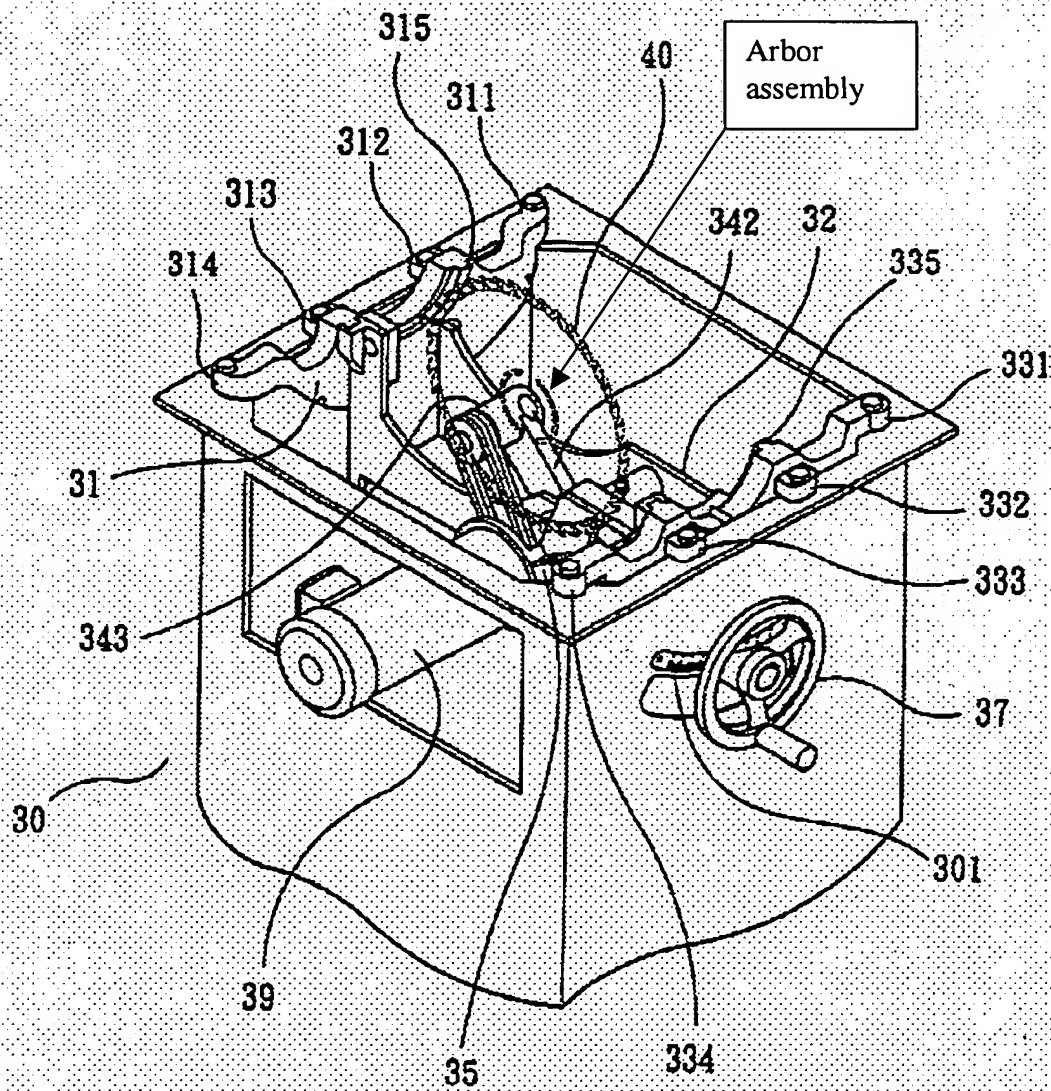
Regarding claim 16, see Figs. 4-6.

Regarding claim 17, a support for supporting a motor 39 is best seen in Figs. 5  
and 6A,B.

Regarding claim 26, a means 102 for providing access to the arbor assembly is  
best seen in Fig. 1.







**FIG. 5**



***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

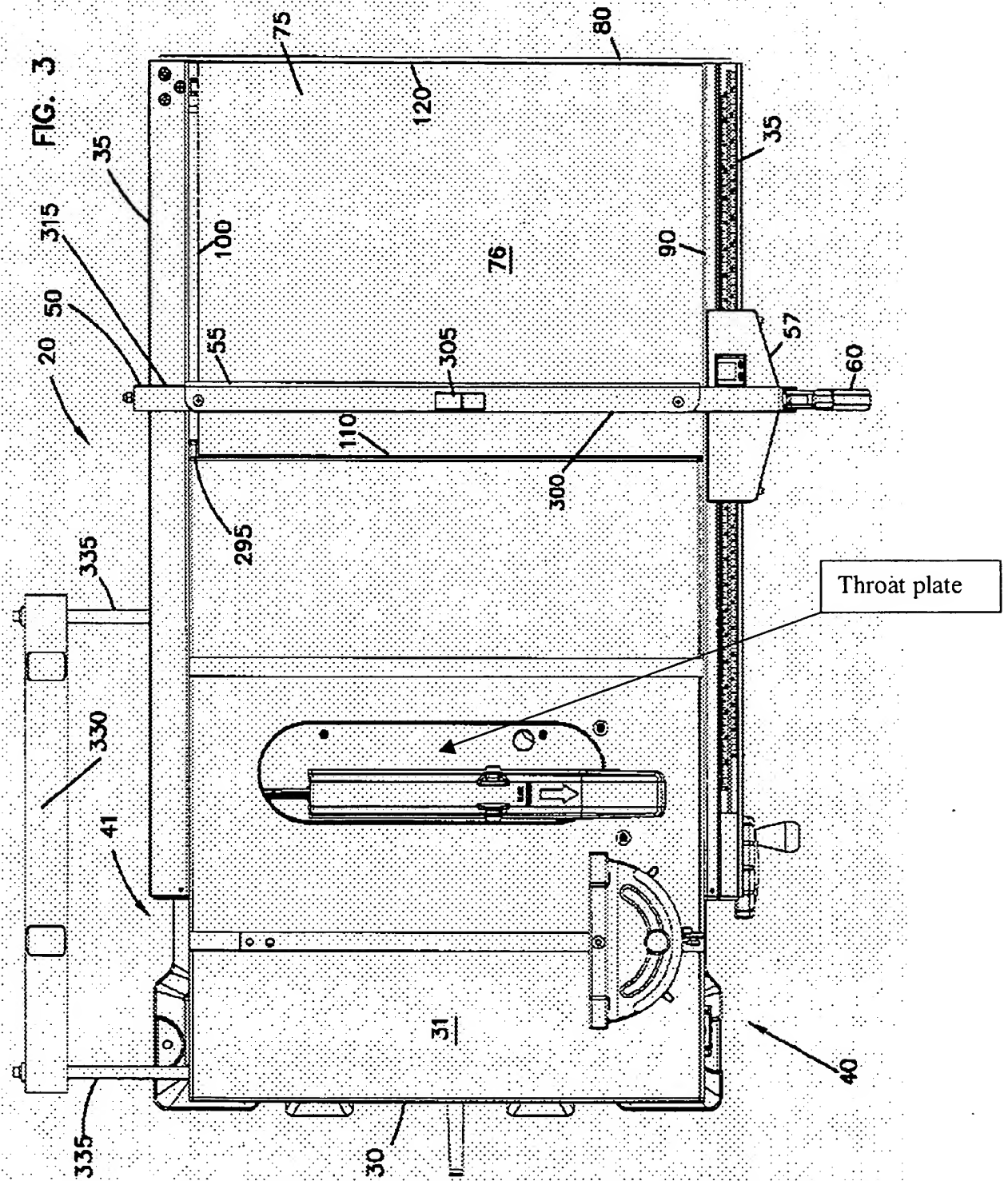
(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 5 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yu (6,684,750 B2) in view of Carson (299,619).

Yu teaches the invention substantially as claimed except for a motor having a first arbor and a second arbor. Carson teaches a motor having a first arbor and a second arbor. See Figs. 1-3. It would have been obvious to one skilled in the art to incorporate a motor having two arbors for receiving two blades as taught by Carson to the table saw of Yu to trim two edges of a work piece simultaneously.

6. Claims 10 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yu (6,684,750 B2) in view of Behme et al (6,736,042 B2), hereinafter Behme.

Yu teaches the invention substantially as claimed except for a throat plate. Behme teaches a throat plate having an inner throat plate and an outer throat plate wherein the inner throat plate including a slot with the saw blade extends. See Fig. 3. Therefore, it would have been obvious to one skilled in the art to incorporate the throat plate as taught by Behme to the saw table of Yu so that a saw operator can access to the arbor easily.



***Response to Arguments***

7. Applicant's arguments filed on 03/03/2005 have been fully considered but they are not persuasive.

Applicant's arguments with respect to 35 USC 102 rejections that Yu does not teach bi-directional beveling, the Examiner respectfully disagrees. The bevel assembly is in a first directional beveling and a second directional beveling when the handle 36 in Fig. 6B is rotated clockwise direction or counter clockwise direction.

***Conclusion***

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phong H Nguyen whose telephone number is 703-305-4989. The examiner can normally be reached on Mon-Fri.


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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Allan Shoap can be reached on 703-308-1082. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PN:

May 2, 2005

  
Allan N. Shoap  
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